CODESOFT® Label Design Software Version 8.0

SOFTWARE SOLUTIONS

Label Design • ERP/Host Connectivity • Data Management

Features of CODESOFT 8

New range with new features

- **CODESOFT 8 Lite** NEW
  Our entry level package with label design features and database connectivity.
  Licensing based on one thermal printer on the fly.

- **CODESOFT 8 Pro**
  Our mid-range package with design features, database connectivity and a basic ActiveX.
  Licensing based on one or three thermal printers at a time and any Windows printer driver. CFI add-on available for this version.

- **CODESOFT Enterprise RFID** NEW
  Our high-end version with all the features and powerfull software integration capabilities, included the Add-on Form Designer.
  Licensing based on an unlimited number of printers. Available in single user, Runtime and Network version.

- **CODESOFT Runtime Network** NEW
  The Network product range has been extended to include CODESOFT Runtime (print-only versions). Two products are now offered in this range — CODESOFT Enterprise & Runtime.

Features of CODESOFT 8

New range with new features

- **Compatibility** NEW
  CODESOFT 8.5 is compatible with Windows Vista™

- **ADD-ONS — Form Designer and Form Viewer**
  Those new adds-on are powerful design tools that allow you to create custom applications.

- **Software key protection — No more hardware key / dongle**
  The whole range of CODESOFT is now provided with an activation code. When installing the product, via fully automatic internet connection, by phone or e-mail contact, our system will automatically switch the licence to perpetual use.

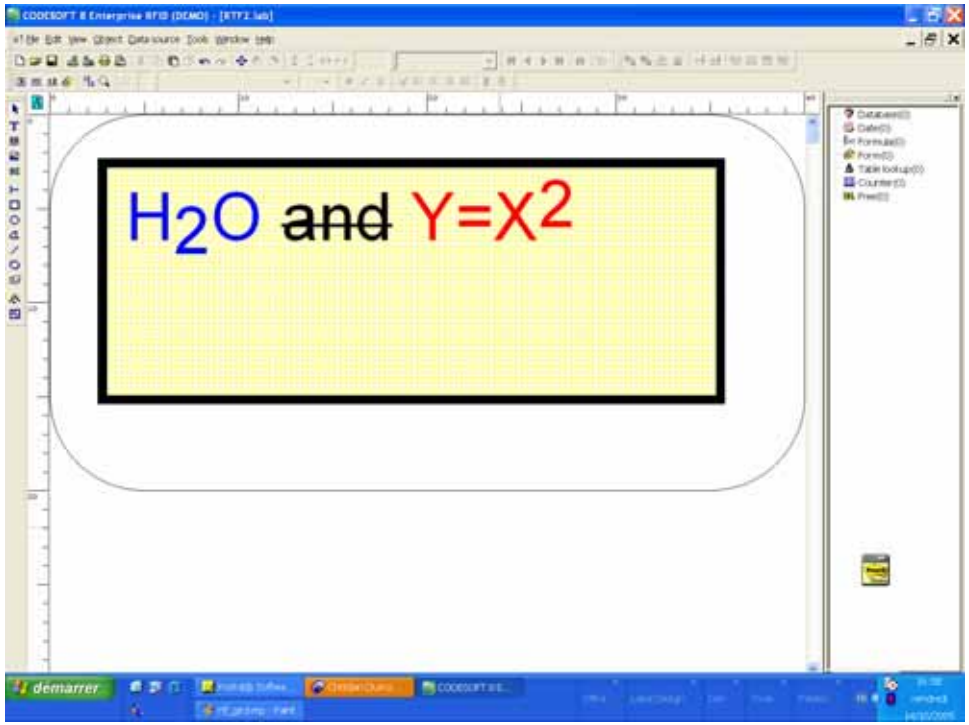
Features of CODESOFT 8

User interface — More powerful !

- **Rich Text Objects**

  The RTF Object is used to manage RTF information such as chemical formulas (**H_20**), exponents (**$y=x^2$**).

  The object can be linked to a database or external file containing RTF (the data can be fixed or linked). For fixed data, a RTF editor will be provided or any other RTF supporting editor can be used (i.e.; MS Word)



- **Barcodes**

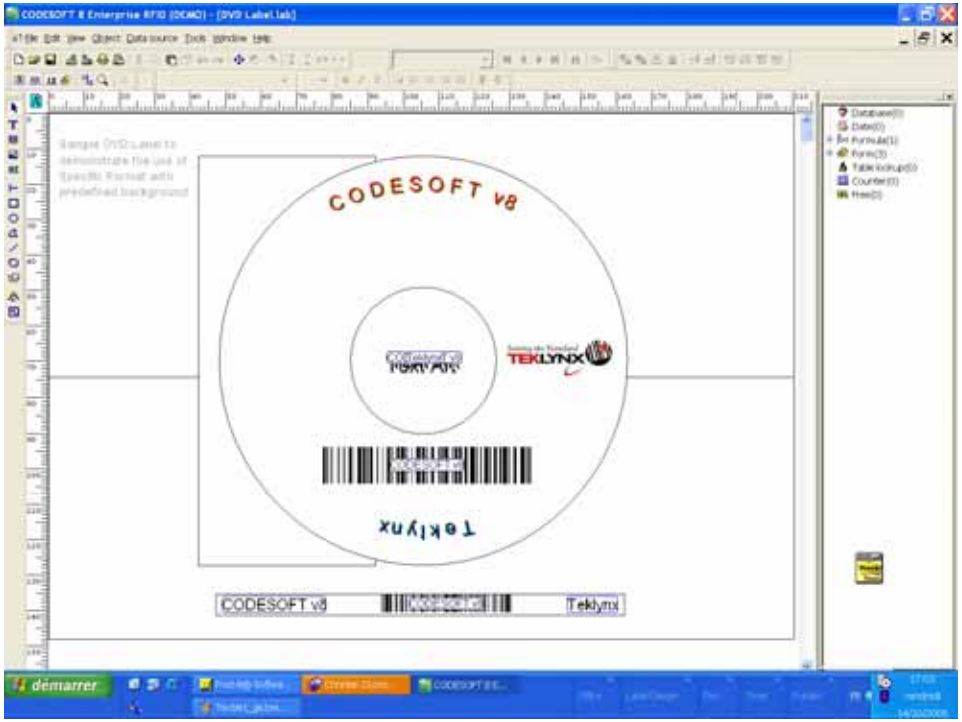
  Code93i has been added and **RSS** properties have been reviewed and extended.

Features of CODESOFT 8

User interface — More design features !

- **Text Art**

  Text Art allows the user to change text characteristics such as outline color and bend angles. Using Text Art, a text can be placed on a circle. The arc of the circle used to draw the text can be defined from 0 to 360 degrees. The angle of the start position can also be adjusted. This is useful for CD/DVD labels, for instance.

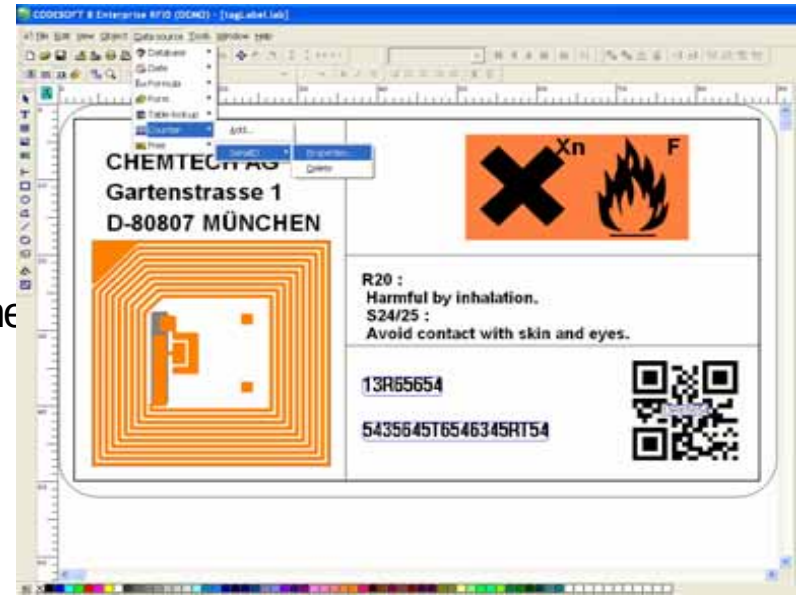


- **List field**

  List Field is used to spread data in a table. It has been designed for companies who need to create Order or Invoice documents. List field can be used in connection with SENTINEL which can provide complex data from external sources (any ERP system or Legacy systems).

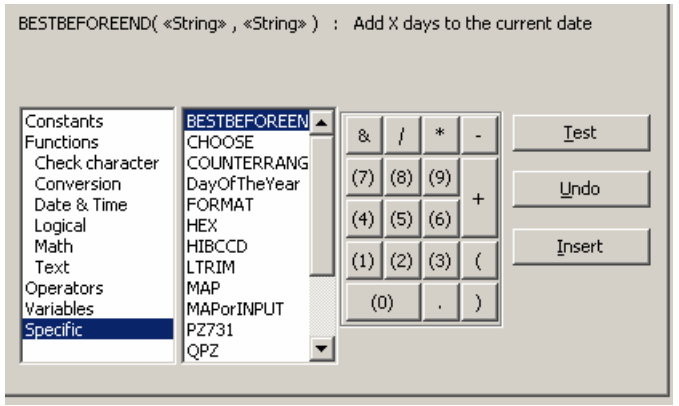
Features of CODESOFT 8

User interface — More user friendly !



- **Variables**
  A new menu item has been added allowing the user to add variables from the menu or by keyboard shortcuts.

- **Formulas**
  It is now possible to **define** Specific Formulas in an **external DLL**. These are available in the formula list under “Specific” or a part can be set in *Tools* > *Options* > *Default* Folders under Specific formulas. This can be an option to calculate complex business specific data.

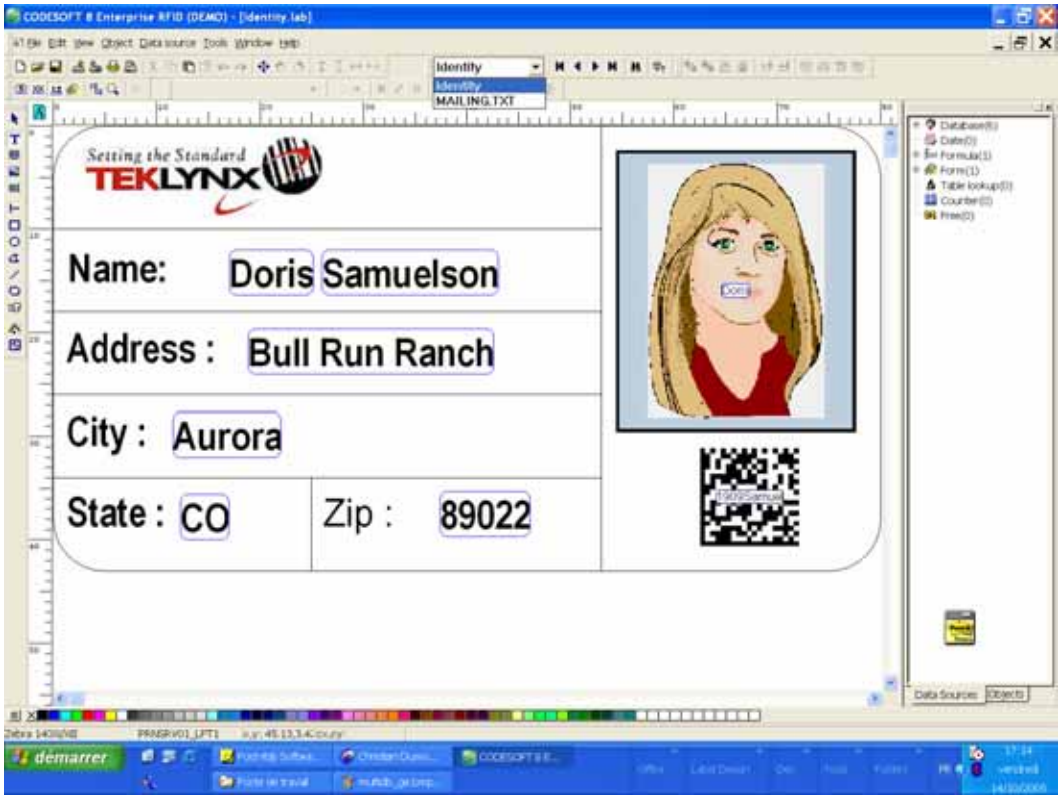


Features of CODESOFT 8

User interface — More user friendly !

- **Multiple Database Connections**
  It is now possible to easily manage multiple connections in a label. One connection is considered as the master for the Print merge feature.

A drop-down menu available on the toolbar, allows the user to **easily switch from one connection to another**. These connections are saved with the label.



Features of CODESOFT 8

User interface — More powerful for integration purposes !

- **Control Variables**

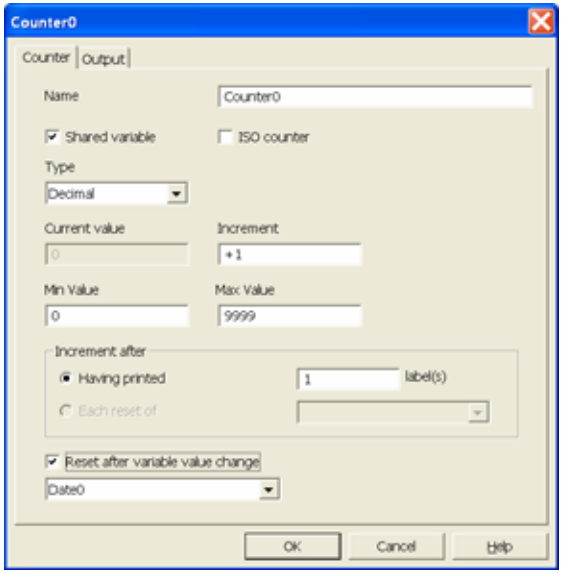
  The following list of Control Variables has been added or modified and can be used as input values inside Formulas:

  - @PROGRAMNAME this returns the program name *i.e.; CODESOFT 8.0*
  - @PROGRAMVERSION this returns the program version *i.e.; 8.01*
  - @LABNAME a modification has been made to return only the label name *(i.e.; Identity.lab)* without the path
  - @LABPATH this returns the label a Path *i.e.; C:\Documents and Settings\User\My documents*
  - @AUTHOR this returns the Author name defined in label properties
  - @TITLE this will returns the Title defined in label properties
  - @SUBJECT this returns the Subject as defined in the label properties
  - @COMPANY this returns the Company as defined in the label properties
  - @COMMENTS this returns the Comments as defined in the label properties
  - @USERNAME this returns the name of the User currently running CODESOFT
  - @LABELPERROW and @LABELPERCOLUMN these two control variables return the Number of labels per row/column as defined on the page

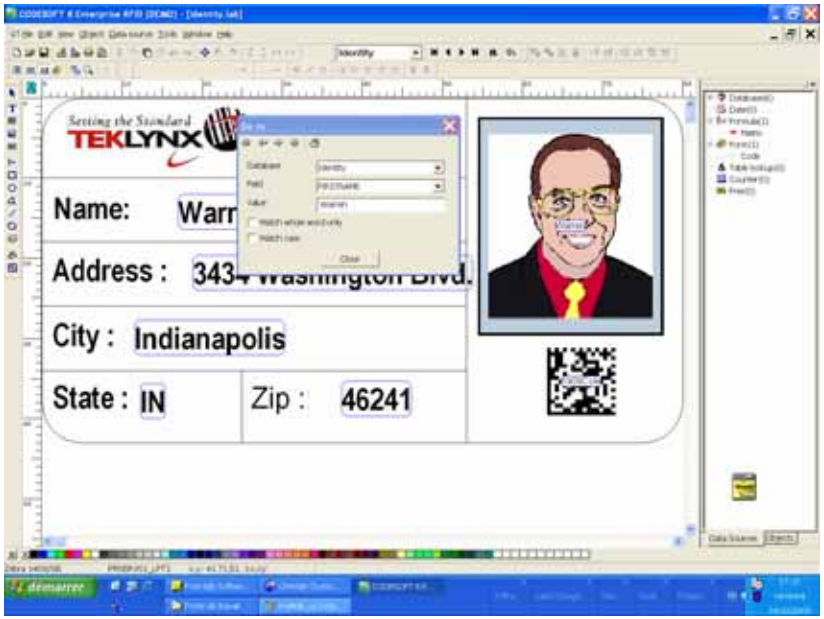
Features of CODESOFT 8

User interface — More user friendly !

- **Resetting the counter**
  Counter Reset provides the ability to reset a counter based on the change of another variable's value. Typically, this will be used when a counter must be reset on a regular basis *(i.e.; every month/day/...).* This is only available for shared variables.



- **Find Record dialog box**
  An enhancement has been made allowing the user to print the label with the matching record directly from this dialog box. If no matching record has been found, a message will pop-up to advise the user.



Features of CODESOFT 8

User interface — More user friendly !

- **User interface** NEW
  The CODESOFT user interface is customized

- **News Wizards** NEW
  With the addition of five new wizards, new users can quickly and easily create bar code labels with the most advanced functions

- **Format dialog box**
  A new check box option for *Page Setup* and *Margin Tab* will allow the user to use the default margin settings set in the Driver

- **Label background**
  It is now possible to define a Label Background for specific or complex labels. The Label background is an EMF (Enhanced Metafile) that will be published in the LFM file (C:\Program Files\Tki\8\Common\LFM).

Features of CODESOFT 8

User interface — More user friendly !

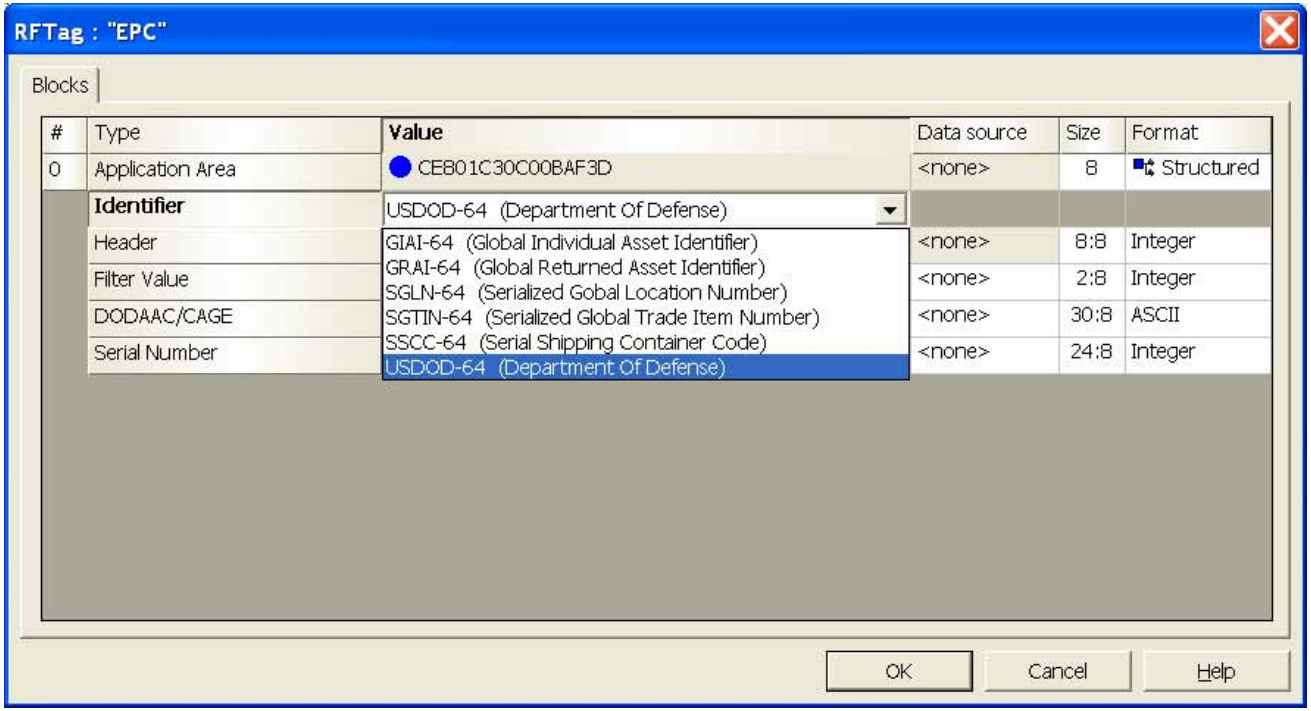
- **TrueType Font Substitution**
  The TrueType font substitution will be used at the time of printing to dynamically change a TrueType font to a printer font. The purpose of this feature is to allow the user to design a single label that can be printed on different kinds of printers; using the TrueType font substitution option, the same TrueType font at design time will be redefined with the best possible printer font at the time of printing to optimize the print speed.

- **Printing Log file**
  It is now possible to have one log file per label, and to log the user name.

Features of CODESOFT 8

User interface

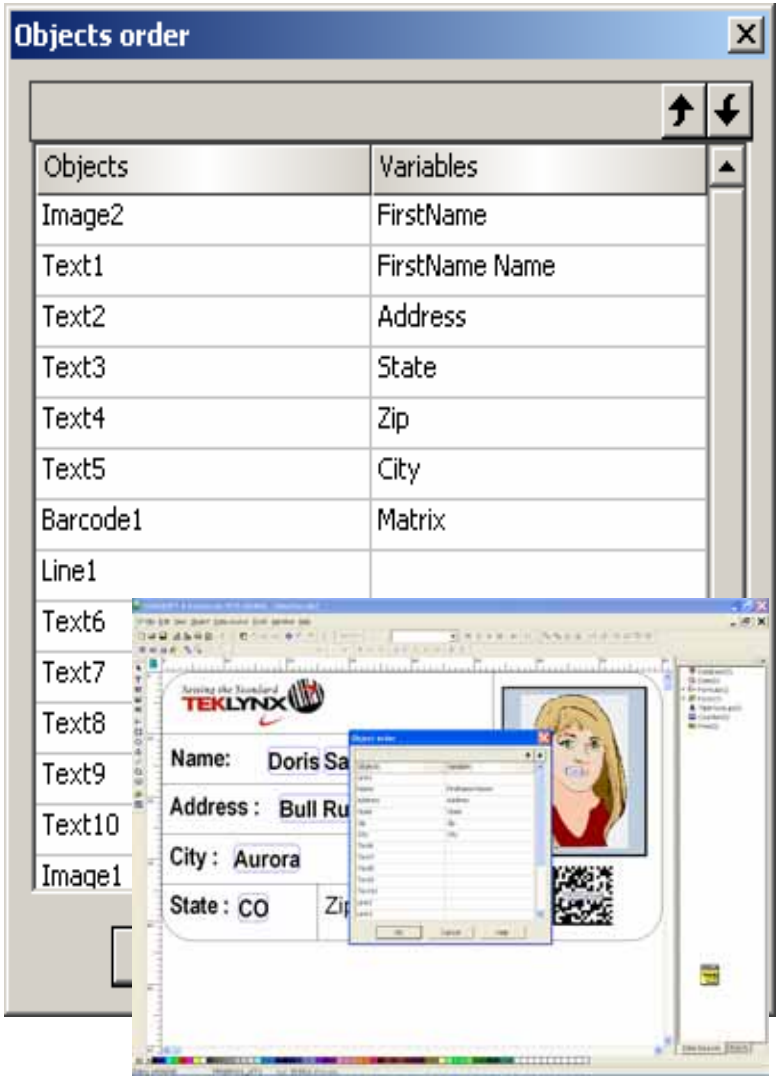
- **RFID Improvements**
  A new format, *STRUCTURED*, is now available for complex tags like EPC. This will allow a block to be subdivided into structured sub blocks.



Features of CODESOFT 8

User interface — More open for proprietary systems

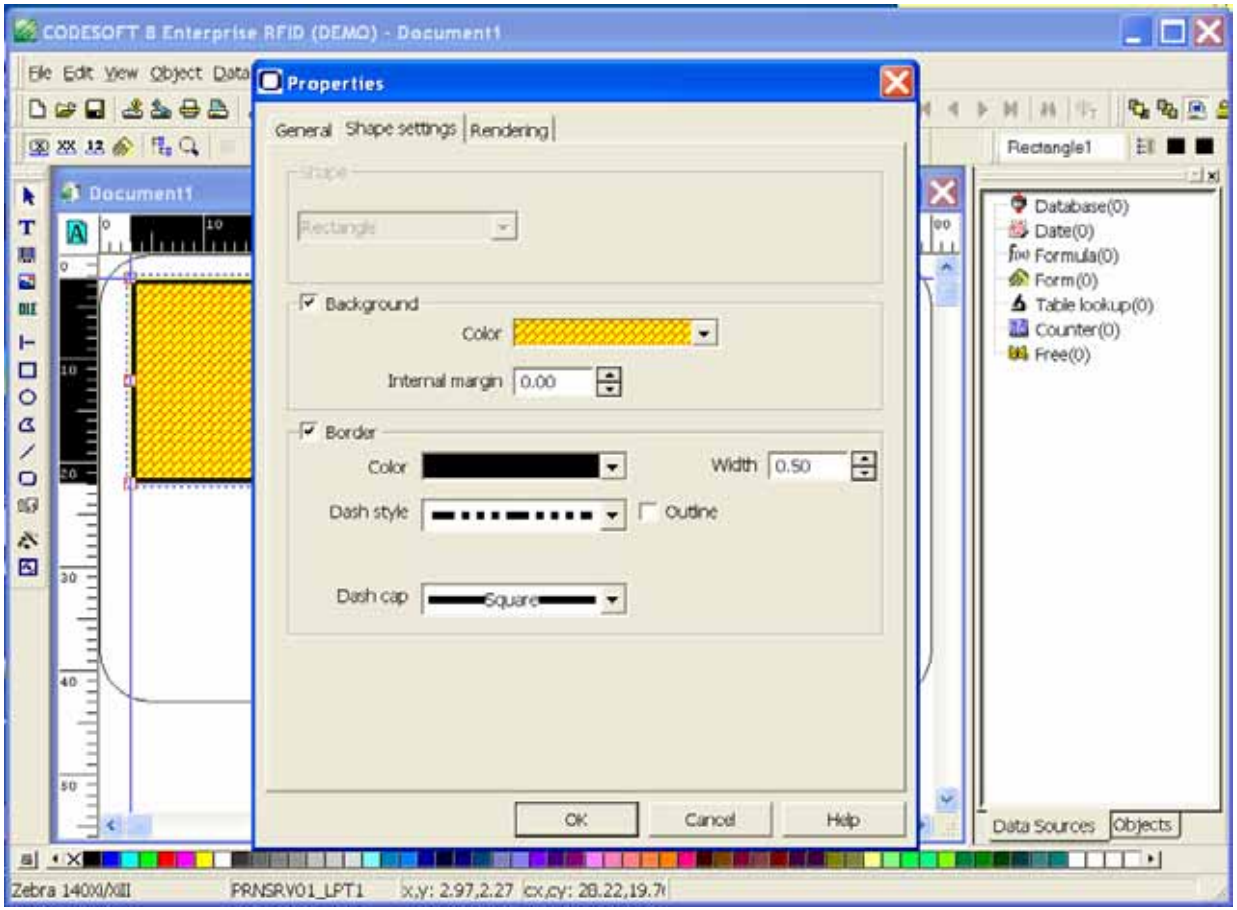
- **Object order**
  Placing label objects in a particular order is now possible using the Object Order dialog box. Go to *Objects > Order…*
  A list showing all currently available objects will be displayed. Ordering can be done by selecting an object and moving up and down using the arrows.
  This feature is especially **useful** when objects need to be sent to a printer in a **specific order** or for printers working in a stand-alone mode who are waiting for external data in a specific order.



Features of CODESOFT 8

User interface

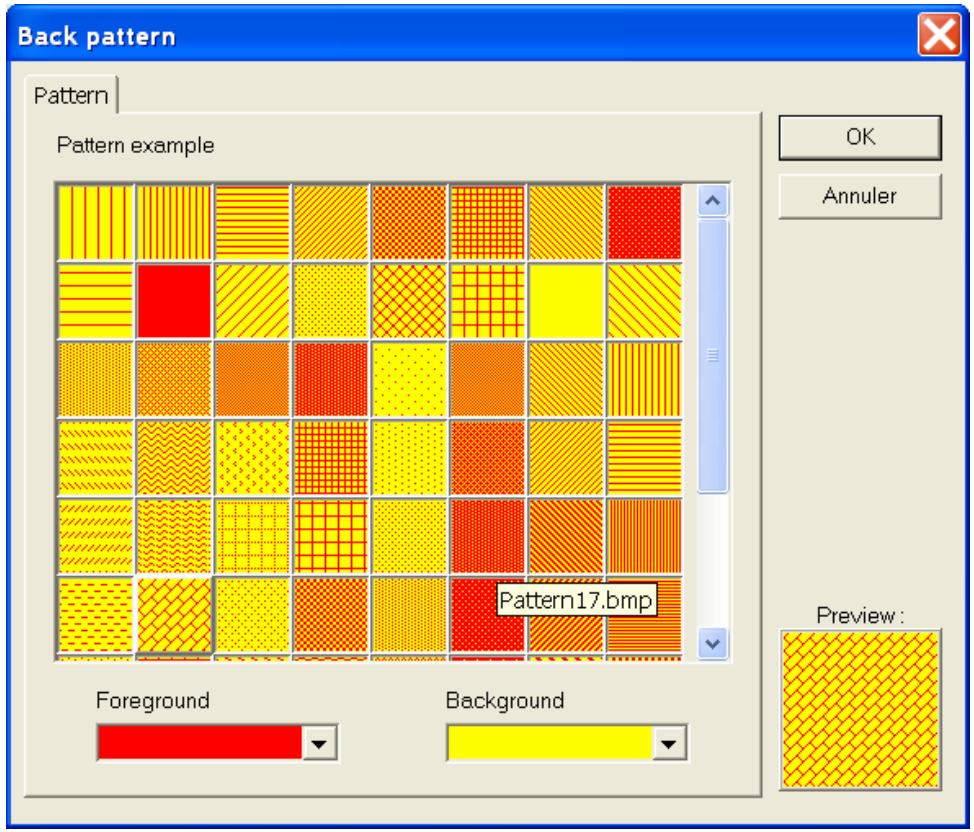
- **Shapes**
  New parameters have been added allowing the user to modify the line style and fill pattern of shape objects.



Features of CODESOFT 8

User interface

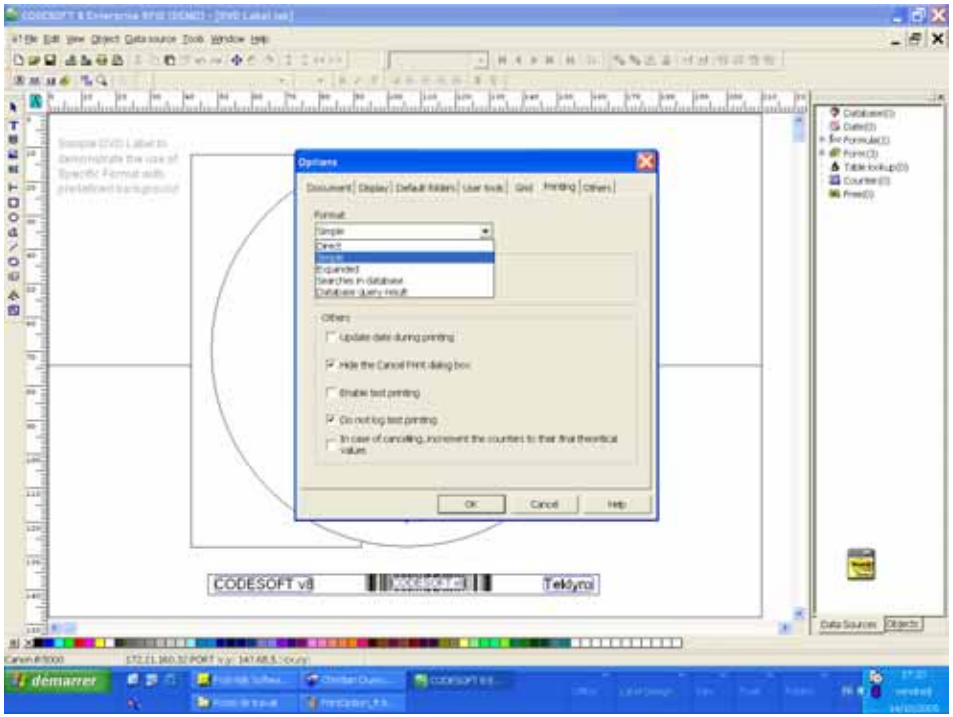
- **Shapes:**
  Other objects such as Text, barcode, Image, OLE embedded objects will also have the capability to select a shape for the background and apply line style and background pattern.



Features of CODESOFT 8

Printing

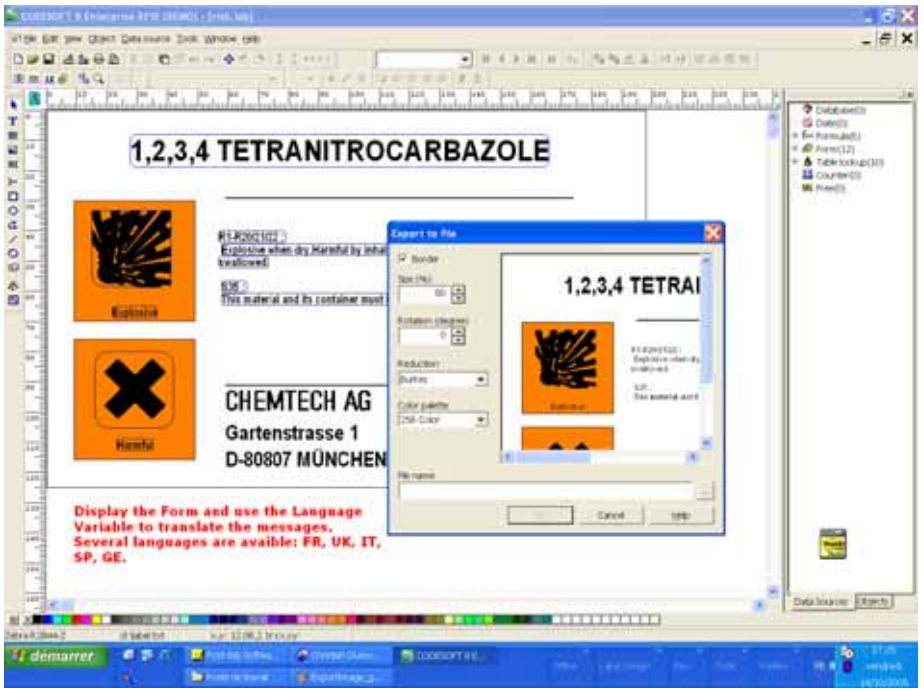
- **Printing Options**
  It is now possible to **define/customize the Print dialog box to simplify the printing process** allowing the user to print directly without being prompted, to print or not print the objects found partially outside the label, or to default to the direct printing method when a database connection cannot be found and print options have been set to “Database Query Result” or “Search in database”.



Features of CODESOFT 8

Document

- **Export to image**
  A new common user interface for both *Export to image* and *Copy all as an image* (*Copy to clipboard*) will propose options for exporting such as Size percentage, Rotation and Format.



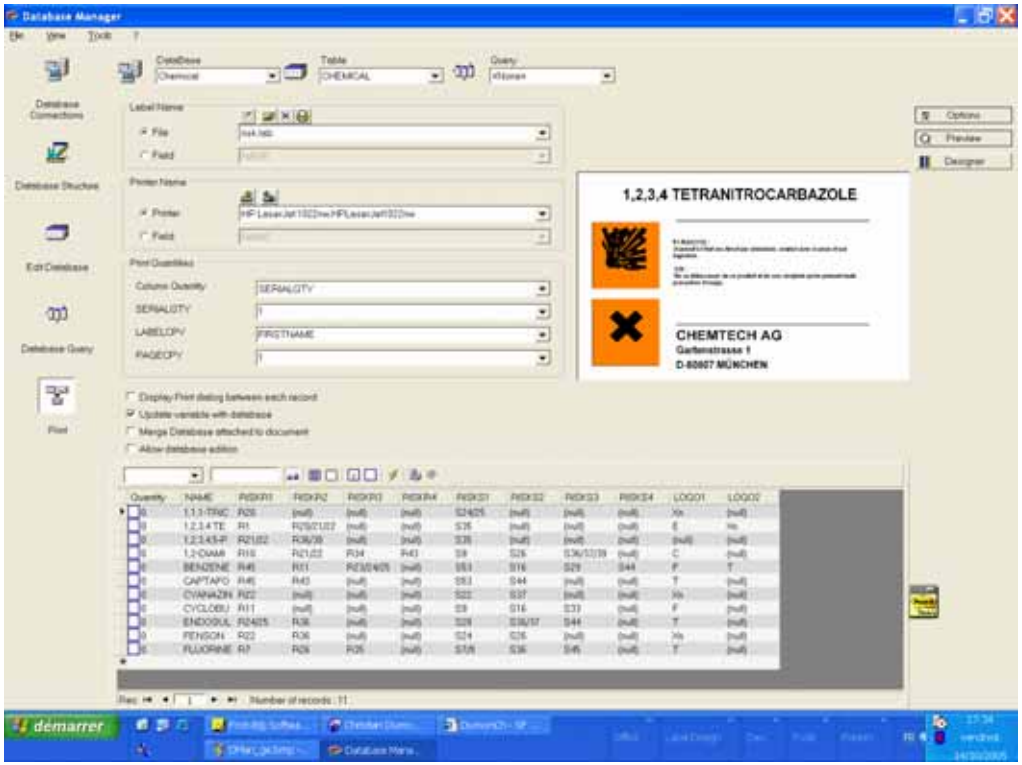
Features of CODESOFT 8

Tools — More flexibility with a brand new interface !

- **Database Manager**

  This new tool includes all the same great functionalities provided by the old Database Manager and the Batch Print Manager but with added features and more flexibility for customization via an **easy-to-use, user-friendly** interface.

Some of the new Database Manager features include:
Connect to any database on your system via an easy-to-use wizard
Create, delete or modify table structures in your databases

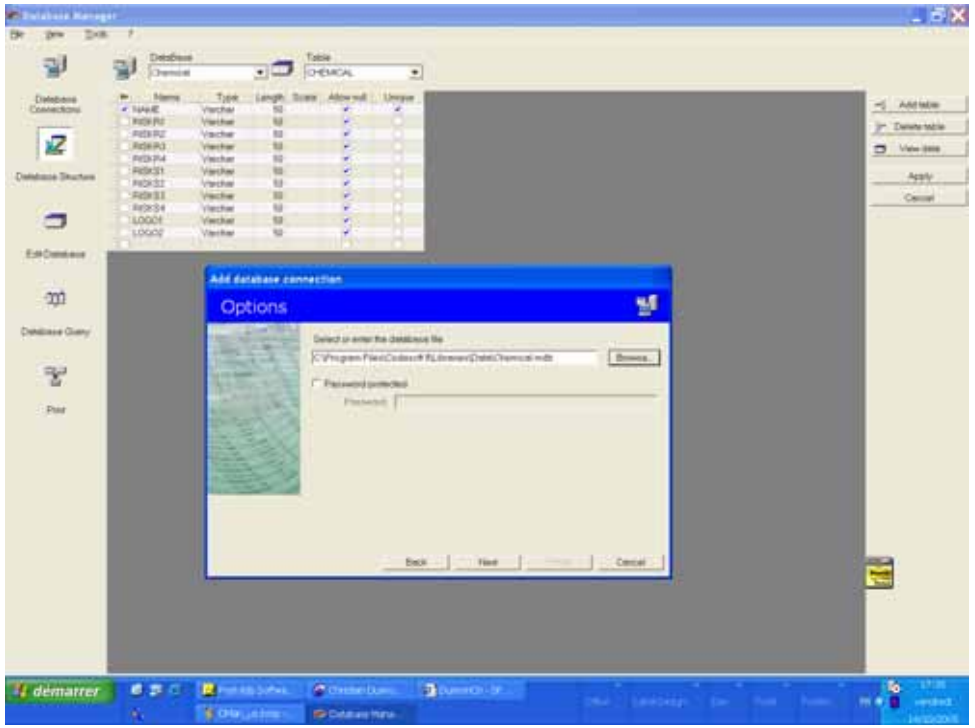


Features of CODESOFT 8

Tools

- **Database Manager**
  - Add, delete or modify records
  - Create queries, and select only the records you want to print
  - Configure print jobs without having to use CODESOFT since Database Manager allows you to choose your label, printer and the data to be printed. Plus! quantity and field values are variable as well

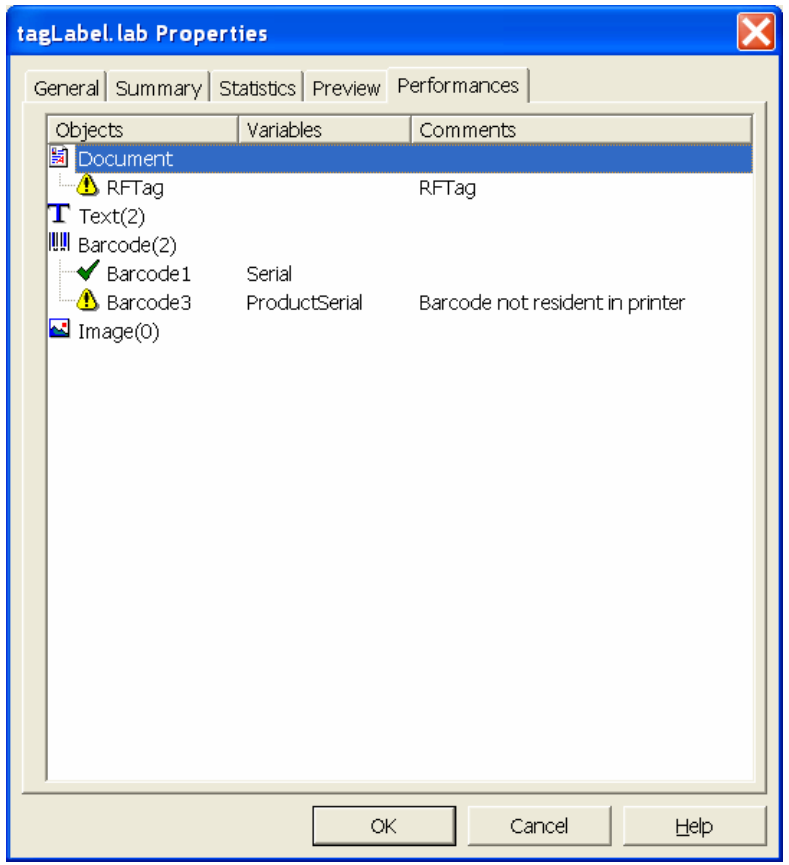
- Preview your labels before printing with the appropriate information
- **Includes a label designing wizard** allowing you to instantly connect information ready for printing
- Fully customizable functionalities to suit all your needs



Features of CODESOFT 8

Tools — Help to better support your customer !

- **The label performance**
  This tool indicates where you can get a better performance of the label printing.



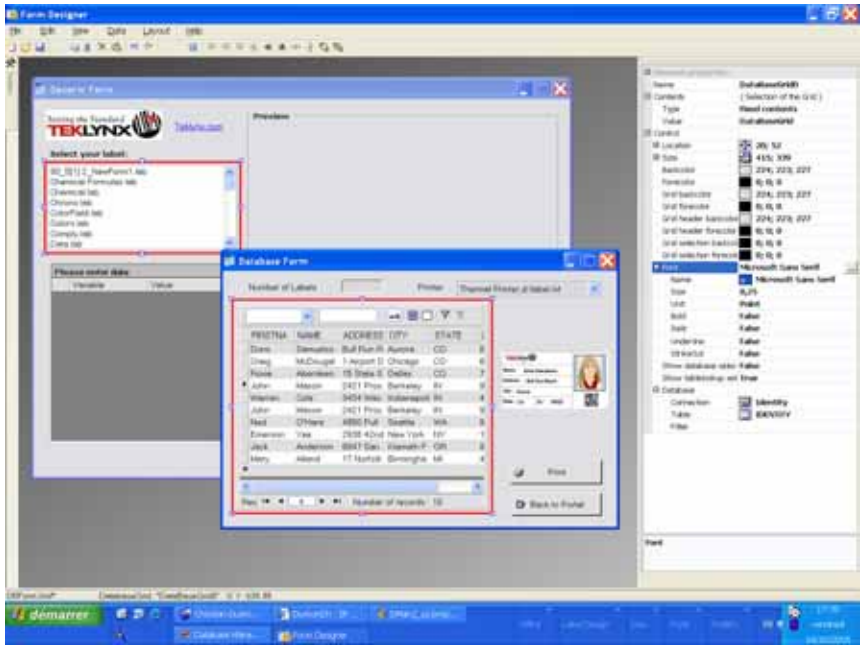
Features of CODESOFT 8

Add-ons — Save time to create front ends !

- **Form Designer**

  Form Designer is a visual designing tool that allows the **rapid building of front-end data entry and label printing application**. It includes features such as:

  - Label and printer type selection
  - Print preview
  - Page and Printer settings
  - Database connections
  - Multiple Screen/Form applications
  - Pre-defined values and data control



It is a very useful tool to design custom application where you can get rid of an over-featured user interface which increases the frequency of errors when printing labels.

Features of CODESOFT 8

Add-ons

- **Form Viewer**
  Form Viewer is an easy to use software that lets you view pre-defined forms. Its simple design makes it easy for any user to use it, regardless of his technical knowledge.

With Form Viewer, a user can easily select a pre designed form, view it, link it to a label and print it from a list of configured printers. Form Viewer boasts a simple layout so that any user can quickly become an expert at using it, without any long hours spent in training. With Form Viewer, accessing and viewing forms can be done in just a few simple steps.